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Attorney Docket No. 7548  
#8P/BM  
10-25-02

In the United States Patent and Trademark Office

Applicant:	Duggirala, et al.	)	<b>AMENDMENT AND</b>
		)	<b>RESPONSE TO OFFICE ACTION</b>
		)	
Serial No:	09/846,635	)	Examiner: Marc S. Alvo
		)	Group Art Unit: 1731
Date Filed:	May 1, 2001	)	Attorney Docket No.: 7548

**For: METHODS TO ENHANCE PULP BLEACHING AND DELIGNIFICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

[ X ] **AUTHORIZATION TO PAY AND PETITION FOR THE ACCEPTANCE OF ANY NECESSARY FEES:** If any charges or fees must be paid in connection with the following Response (including but not limited to the payment of issue fees), they may be paid out of our deposit account **No. 14-0105**. If this payment also requires a Petition, please construe this authorization to pay as the necessary Petition that is required to accompany the Petition fee payment.

[ X ] Applicants herein have added 3 new independent claims. Applicants have previously paid for a total of 6 independent claims to be examined. These three new independent Claims make a total of nine independent claims in this case so an additional fee is due for Examination of these three new Independent Claims. Applicants calculate the additional fee as follows:  
3 new independent Claims  $\times$  \$84.00 for each new independent Claim =  
**\$252.00**

Please charge our deposit account **No. 14-0105** in the amount of **\$ 252.00** to cover the cost of submitting these new claims. Any deficiency or overpayment should be charged or credited to the above numbered deposit account. A duplicate copy of this sheet is enclosed.

**CERTIFICATE OF MAILING**  
**37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below:

10/16/02      Denise Ellison  
Date                      Denise Ellison

AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.111

Dear Sir:

In response to the Office Action of July 16, 2002, Applicants request that the Examiner enter these Amendments and consider these Remarks.

AMENDMENTS

In the Claims:

Please cancel Claims 1, 3 and 5.

Please add new Claims 7, 8 and 9.

- B1
- 
7. In a method for making Chemical pulp comprising the steps of digesting wood chips in the digester to create unbleached pulp and then bleaching the pulp; the improvement comprising treating the pulp with from about 0.002 weight % to about 0.02 weight % of an organic sulfide chelating agent, wherein the unbleached pulp is treated after digestion of the wood chips and washing of the unbleached pulp and before the unbleached pulp has been bleached, wherein said organic sulfide chelating agent is selected from the group consisting of polymeric dithiocarbamate chelating agents and salts thereof and mixtures thereof and wherein no treatment with organic sulfide chelating agent takes place during digestion of the wood chips and washing of the unbleached pulp. *bleaching said unbleached pulp*
8. In a method for making Chemical pulp comprising the steps of digesting wood chips in the digester to create unbleached pulp and then bleaching the pulp; the improvement comprising treating the pulp with from about 0.002 weight % to about

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